

Work Order ID 138248

Tuesday, October 27, 2015 11:06:25 AM

138248

Page 1

Item ID: D206-559-031 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: 206A/B Bearpaw Wearplates
 Start Date: 10/20/2015 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 10/26/2015 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: ML5 Date: OCT 28 2015 Tooling: _____ Date: _____
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____
 Run Start ***NR1***
 Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D206-559	REV L								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile and type labels per PPP D206-559-031 CHG 002								
110	QC4- 100% Inspect kits for completeness	0.00							
110									
QC	Memo	0.00							
Quality Control									
120	Packaging	0.00							
120									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D206-559-031 and DSI9430 Location: <u>FG128</u> PPP Rev: _____								

BAS
27
9-89

ML5 15-11-05

DAS
28
9-89

NOV 10 2015

Pick kit

BAS
27
9-89

NOV 09 2015

DAS
28
9-89

NOV 10 2015



DAS
28
9-89

NOV 10 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐	☐	No Re-verification ☐	☐	Pressure/Forced ☐	☐	Temperature/Cure ☐	☐
Design ☐	☐	Operator ☐	☐	Bending ☐	☐	Set-up ☐	☐
Doc/Data ☐	☐	Offset/Setup ☐	☐	Centre Not Concentric ☐	☐	BOM/Route ☐	☐
Equip/Tooling ☐	☐	Supplier ☐	☐	Cracks ☐	☐	Broken/Damage/Defect ☐	☐
Handling/Pre ☐	☐	Training ☐	☐	Crimp/Kink/Ripple/Wave ☐	☐	Inspection Incomplete/Unqualified ☐	☐
Material ☐	☐	Use for Testing ☐	☐	Cuffs ☐	☐	Contamination ☐	☐
Internal Transport ☐	☐	Poor Information ☐	☐	Crushing ☐	☐	Countersink ☐	☐
Tribal Knowledge ☐	☐	Rushing ☐	☐	Heat Treat ☐	☐	Cut Too Short ☐	☐
LOA ☐	☐	Product Improvement ☐	☐	Wave/Twist in Tube ☐	☐	Instructions Incomplete/Unclear ☐	☐
Substation ☐	☐	Process Improvement ☐	☐	Marks/Chatter ☐	☐	Drill Holes ☐	☐
Past Expiry Date ☐	☐	Manufacturing Process ☐	☐	OTHER : ☐			
Misidentified ☐	☐	Past Due ☐	☐				

Work Order ID 138248***138248***

Page 2

Tuesday, October 27, 2015 11:06:25 AM

Item ID: D206-559-031

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: 206A/B Bearpaw Wearplates

Start Date: 10/20/2015 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 10/26/2015 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

QC21 - Final Inspection - Work Order Release

0.00

130

QC

Memo

0.00

Quality Control

MLJ

NOV 1 2015

MLJ

NOV 1 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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Design	☐	Operator	☐	Bending	☐	Set-up	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐
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Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐
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Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER :			
Misidentified	☐	Past Due	☐				

Picklist Print

Tuesday, October 27, 2015 11:06:25 AM

Page 1

Work Order ID: 138248

138248

Parent Item: D206-559-031

D206-559-031

Parent Item Name: 206A/B Bearpaw Wearplates

Start Date: 10/20/2015

Required Date: 10/26/2015

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 09-02-03 new issue DD verified by:JLM
10.10.04 per DS19527 EC verified by:DD

IPP Rev B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN4-17A		Purchased	No				Each	148.0000		8			
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AN4-17A

Bolt

DAS
28
9-89

Location	Loc Qty	Loc Code
----------	---------	----------

ST325A	124	
--------	-----	--

M131800	44	
---------	----	--

M132803	80	
---------	----	--

ST343	24	
-------	----	--

M127817	24	
---------	----	--

AN4-20A		Purchased	No				Each	162.0000		8			
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AN4-20A

Bolt

DAS
28
9-89

Location	Loc Qty	Loc Code
----------	---------	----------

GA	24	
----	----	--

m116419	24	
---------	----	--

ST325A	100	
--------	-----	--

m132680	100	
---------	-----	--

ST343	38	
-------	----	--

m127290	8	
---------	---	--

m132617	30	
---------	----	--

D3860-041		Manufactured	No				Each	2.0000		2			
-----------	--	--------------	----	--	--	--	------	--------	--	---	--	--	--

D3860-041

Wearplate Weldment

DAS
28
9-89

Location	Loc Qty	Loc Code
----------	---------	----------

ST302	2	
-------	---	--

127481	2	
--------	---	--

DAS
27
9-89

DAS
27
9-89

NOV 09 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																							
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																								OTHER :																																							

Picklist Print

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Work Order ID: 138248

138248

Parent Item: D206-559-031

D206-559-031

Parent Item Name: 206A/B Bearpaw Wearplates

Start Date: 10/20/2015

Required Date: 10/26/2015

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

Each

2,608.000

8

MS21042L 4

Locknut

DAS
27

DAS
27

NOV 09 2015

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK004

2000

m133363

2000

8

FP001

2

m124231

2

GA

67

m127813

67

ST260a

138

m130799

56

m131803

6

m132262

76

ST305

401

m128300

8

m130388

7

m130922

97

m131618

12

m132123

56

m132382

121

m133316

100

DQA: _____ Date: _____



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Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
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LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

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Past Expiry Date	☐	Manufacturing Process	☐	OTHER :							
Misidentified	☐	Past Due	☐								

DART AEROSPACE LTD.

DAS
28
9-89D206-559
Page 7 of 13

REFERENCE ONLY

5.0 PARTS LIST

Qty -011	Qty -013	Qty -021	Qty -023	Qty -031	Qty -033	Qty -113	Part Number	Description
X							D206-559-011	Bearpaw Kit 206 A/B
	X						D206-559-013	Bearpaw Kit 206 L/L1/L3/L4/407
		X					D206-559-021	Narrow Bearpaw Kit 206 A/B
			X				D206-559-023	Narrow Bearpaw Kit 206 L/L1/L3/L4/407
				X			D206-559-031	Wearplate Kit
					X		D206-559-033	Wearplate Kit
						X	D407-559-113	Large Bearpaw Kit 206 L/L1/L3/L4/407
4	6	4	6				D2182B050	RUBBER CUSHION
8	12	8	12			16	D2274	RADIUS BLOCK
2							D2435	19" X 16" BEARPAW
	2						D2432F	19" X 24" BEARPAW
		2					D2671	13" X 16" BEARPAW
			2				D2672F	13" X 24" BEARPAW
4	6	4	6				D2438	CLAMP
8	12	8	12				D2529	WASHER
	6		6				D2732-050	RUBBER CUSHION
						8	D3456-1	WASHER
					2		D3859-041	WEARPLATE
				2			D3860-041	WEARPLATE
						8	D4011-1	CLAMP, SHORT
						8	D4011-5	CLAMP, SHORT (OEM)
						8	D4012-1	CUSHION
						2	D4355-1	BEARPAW
						2	D4360-041	WEARPLATE ASSEMBLY
						8	AN4C11A	BOLT
8	12	8	12	8	12		AN4-17A	BOLT
8	12	8	12	8	12		AN4-20A	BOLT
						16	AN4C20A	BOLT
						16	AN4C21A	BOLT
16	24	16	24	8	12	16	NAS1149D0463J	WASHER (OR AN960JD416)
8	12	8	12	8	12		MS21042L4	NUT (OR MS21042-4)
						24	MS21043-4	NUT
2		2					QS200M44S	CLAMP

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Revision: L
Date: 11.04.08